DSF

Non-asbestos laminated jointing roll, composed of beater addition paper sandwiched in two perforated tinned steel sheets. The beater add layer is composed of mineral fibres and fillers, bonded with elastomer.

APPLICATIONS

Automotive field: exhaust and suction manifold gaskets.

TECHNICAL DATA

Value relate to 1.2mm thickness

Density of the beater addition layer	DIN 3754		1,6	g/cm^3
Thickness of the perforated steel inserts	for tot. thickness ≤ 1,2 mm		0,20	mm
Max. peak temperature:			450	°C
Max. continuos service temperature:			350	°C
Compressibility	ASTM F36 J		10 ÷ 20	%
Recovery	ASTM F36 J		30 ÷ 40	%
Stress retention (16 hrs, 50 N/mm^2, 300°C)	DIN 52913		41	N/mm^2
Immersion test - ASTM F146 - in ASTM 3 OIL, 150°C, 5 hrs				
- compressibility		max.	12	%
- recovery		min.	45	%
- weight increment		max.	10	%
- thickness increment		max.	5	%
Immersion test - ASTM F146 - in FUEL B, 23°C, 5 hrs				
- compressibility		max.	12	%
- recovery		min.	55	%
- weight increment		max.	10	%
- thickness increment		max.	3	%
Immersion test - ASTM F146 - in Coolant 50:50, 110°C, % hrs				
- compressibility		max.	15	%
- recovery		min.	40	%
- weight increment		max.	12	%
- thickness increment		max.	5	%

* Service limits are recommended for proper seating conditions and gasket design

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